## 11/17/2006 5:02:49 PM C:\Documents and Settings\pcoughlan\My Documents\EAST\Workspaces\10730708.wsp

### **EAST Search History**

	L12	11	L10	6	8	L7	<u> </u>	2	4	[J.					# Ref
89	77	81	445	3000	6630	195141	195141	32	0	<b>1-4</b>	<b></b>	<b></b>			Hits
@pd<"20031208" and (physical with "neural network") and summation	@pd<"20031208" and (physical with "neural network") and resistor	@pd<"20031208" and (dielectric with solution) and (increasing or strenghten\$) and alignment and threshold	@pd<"20031208" and (dielectric with solution) and (increasing or strenghten\$) and alignment	@pd<"20031208" and (dielectric with solution) and (increasing or strenghten\$)	@pd<"20031208" and (dielectric with solution)	@pd<"20031208" and dielectric	@pd<"20031208" and dielectric	@pd<"20031208" and (nanoparticle or nanoconnection or nanoconductor) and "neural network"	"20040193558" and "701"	"20040193558" and -vcc	"20040193558" and integrator	"20040193558" and integrator	@pd<"20031208" and (nano\$ with increase\$)	@pd<"20031208" and nano\$ and "neural network"	Search Query
US-PGPUB;	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	DBs
OR.	Q <sub>R</sub>	OR.	OR.	O <sub>R</sub>	Я Я	₽ P	Q.	R	Q <sub>R</sub>	R	R	Q R	Q.	Q <sub>R</sub>	Default Operator
9	O <sub>N</sub>	N	N O	ON.	ON	ON	9	ON.	OFF	OFF	OFF	OFF	9	Q N	Plurals
2006/11/17 16:52	2006/11/17 16:50	2006/11/17 16:50	2006/11/17 16:49	2006/11/17 16:49	2006/11/17 16:47	2006/11/17 16:47	2006/11/17 16:46	2006/11/17 16:46	2006/11/17 16:16	2006/11/17 16:16	2006/11/17 16:15	2006/11/17 12:32	2006/11/16 09:14	2006/11/17 16:45	Time Stamp

### **EAST Search History**

S3	S2	12	126	125	124	123	122	<u> </u>	120	119	L18	L17	L16	L15	L14
			<b>—</b>										. 2	1354	4
<b>~</b>	<u> </u>	<u> </u>	110	ω	∞	0	2	<u> </u>	21	79	0	0	216		440
"20040193558" and nanoconnection	"5315162".pn.	"20040193558"	l25 or l24 or l22 or l21 or l20 or l19	702/6.ccls. and @pd<"20031208" and (physical with "neural network")	702/19.ccls. and @pd<"20031208" and (physical with "neural network")	716/19.ccls. and @pd<"20031208" and (physical with "neural network")	716/1.ccls. and @pd<"20031208" and (physical with "neural network")	257/208.ccls. and @pd<"20031208" and (physical with "neural network")	706/16.ccls. and @pd<"20031208" and (physical with "neural network")	706/25.ccls. and @pd<"20031208" and (physical with "neural network")	706/25.ccls and @pd<"20031208" and (physical with "neural network")	706/25.ccls and @pd<"20031208" and (physical near3 "neural network")	@pd<"20031208" and (physical near3 "neural network")	ar3	@pd<"20031208" and (physical with "neural network")
US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT
Я Я	Я Я	Q.	Q.	Q <sub>R</sub>	Q.	Q.	Q.	Q <sub>R</sub>	Q.	OR.	Q.	OR.	Q.	Q.	O <sub>R</sub>
<u>S</u>	OFF	OFF	Q.	9	9	9	Q Q	9 N	O <sub>N</sub>	Q Q	Q Q	9 Q	N O	<u>N</u>	NO
2006/11/15 17:14	2006/11/16 07:27	2006/11/17 16:13	2006/11/17 17:00	2006/11/17 16:59	2006/11/17 16:59	2006/11/17 16:59	2006/11/17 16:59	2006/11/17 16:59	2006/11/17 16:59	2006/11/17 16:58	2006/11/17 16:58	2006/11/17 16:58	2006/11/17 16:58	2006/11/17 16:52	2006/11/17 16:52

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### **EAST Search History**

2006/11/16 10:53	9	SR	US-PGPUB; USPAT	1 "20030048619" and varying	<b>⊢</b>	S19
_	<u> </u>	OR	US-PGPUB; USPAT	<pre>@pd&lt;"20031208" and (nanoparticle same (electrical with (increas\$ or strenght\$)))</pre>	19	S18
	9	Q <sub>R</sub>	US-PGPUB; USPAT	@pd<"20031208" and nanoparticle and (electrical with (increas\$ or strenght\$))	160	S17
	9	OR.	US-PGPUB; USPAT	@pd<"20031208" and ((nanoparticle with strengh\$) same (nanoparticle with electric\$)) not S13	0	S16
	9	Q.	US-PGPUB; USPAT	<pre>@pd&lt;"20031208" and ((nanoparticle with increase\$) same (nanoparticle with electric\$)) not S13</pre>		S15
	N O	Q <sub>R</sub>	US-PGPUB; USPAT	6 @pd<"20031208" and (nanoparticle with increase\$)and (nanoparticle with electric\$) not S13	76	S14
	S S	Q <sub>R</sub>	US-PGPUB; USPAT	0   @pd<"20031208" and ((nanoparticle with increase\$) same electric\$)	70	S13
	Q Q	O <sub>R</sub>	US-PGPUB; USPAT	<pre>@pd&lt;"20031208" and ((nanoparticle with increase\$) same electric\$) not S11</pre>	58	S12
	Q Q	Q <sub>R</sub>	US-PGPUB; USPAT	2 @pd<"20031208" and ((nanoparticle with increase\$) with electric\$)	12	S11
	9	OR	US-PGPUB; USPAT	5 @pd<"20031208" and (nanoparticle with increase\$)	465	S10
	OFF.	OR	US-PGPUB; USPAT	1 "20040193558" and "transfers signals"	<b></b>	9
	OFF	Q <sub>R</sub>	US-PGPUB; USPAT	1 "5315162".pn. and ion\$	<b></b>	S8
	OFF	OR	US-PGPUB; USPAT	1 "20040193558" and ion\$	<b>1-4</b>	S7
	OFF.	Q <sub>R</sub>	US-PGPUB; USPAT	) "20040193558" and ino	0	98
	OFF	Q.	US-PGPUB; USPAT	1 "20040193558" and adaptive	<del>_</del>	55
	OFF	OR	US-PGPUB; USPAT	) "5315162".pn. and adaptive	0	S4

### **EAST Search History**

US-PGPUB; USPAT
US-PGPUB; USPAT
US-PGPUB; USPAT
<pre>@pd&lt;"20031208" and (((physical with neural) with "neural network") with US-PGPUB;</pre> (physical with network)) and training and ground\$
<pre>@pd&lt;"20031208" and (((physical with neural) with "neural network") with US-PGPUB; (physical with network)) and training</pre>
<pre>@pd&lt;"20031208" and ((physical with neural) with "neural network") and US-PGPUB;</pre> (physical with network) and training
<pre>@pd&lt;"20031208" and (physical with neural) and "neural network" and US-PGPUB;</pre> (physical with network) and training
<pre>@pd&lt;"20031208" and (physical with neural) and "neural network" and US-PGPUB; (physical with network)</pre>
<pre>@pd&lt;"20031208" and (physical with neural) and "neural network" and US-PGPUB; (phsical with network)</pre>
US-PGPUB; USPAT

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#### **EAST Search History**

														————
S50	S49	S48	S47	S46	S45	S44	S43	S42	S41	S40	S39	S38	S37	S36
щ	0	0	<u> </u>	₩.	<u>,                                    </u>	<u> </u>	Н	H	H	<u> </u>	<u> </u>	<u> </u>	0	1-4
"20030177450" and weigh\$	"20030177450" and weight	"20030177450" and activity	"20030177450" and firing	"20030177450" and fir\$	"20030177450" and increasing	"20030177450" and magnitude	"20040193558" and magnitude	"20040193558" and "positive factor"	"5315162".pn. and weight	"20030177450" and train\$	"20030177450" and amplifier	"20040193558" and integrator	"20030177450" and integrator	"20030177450" and (ground\$ or lower\$)
US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT
Я	Q <sub>R</sub>	Q	Q R	Q <sub>R</sub>	Q ·	Q.R	OR.	Q R	Q.	Q.	웃	Q.	Q.	OR.
S S	O <sub>N</sub>	N N	N N	NO	N N	Q N	OFF	OFF	OFF	9	Q.	OFF	9	NO
2006/11/17 08:13	2006/11/17 08:13	2006/11/17 08:13	2006/11/17 07:56	2006/11/17 07:54	2006/11/17 07:54	2006/11/17 07:52	2006/11/16 16:33	2006/11/16 16:33	2006/11/16 15:39	2006/11/16 16:33	2006/11/16 15:18	2006/11/16 14:53	2006/11/16 14:55	2006/11/16 14:53